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<u>L1</u>	(emitt\$3 or transmitt\$3 or source\$1 or radar\$1 or jamm\$3 or rf or mw or microwave\$1 or radio or (micro adj wave\$1)).ti,ab.	2993752	<u>L1</u>

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*Chung-Yu Wu; Hsin-Chin Jiang;*

Intelligent Information Systems, 1995. ANZIIS-95. Proceedings of the Third Australian and New Zealand Conference on , 27 Nov. 1995  
 Pages:232 - 235

[\[Abstract\]](#)   [\[PDF Full-Text \(268 KB\)\]](#)   IEEE CNF

**2 Mobile communications based on an emitter/receiver dynamics model**

*Sousa, F.M.G.; Leitao, J.M.N.;*

Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd , Volume: 4 , 6-9 May 2001  
 Pages:2998 - 3002 vol.4

[\[Abstract\]](#)   [\[PDF Full-Text \(304 KB\)\]](#)   IEEE CNF

**3 A test for detection of local modeling mismatches in shallow water**

*Fostick, G.S.; Tabrikian, J.; Messer, H.;*

Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. Conference Proceedings., 1996 IEEE International Conference on , Volume: 6 , 7-10 May 1996  
 Pages:3077 - 3080 vol. 6

[\[Abstract\]](#)   [\[PDF Full-Text \(256 KB\)\]](#)   IEEE CNF

**4 Adaptive power-managed FMCW emitter detection performance against low-RCS ships**

*Pace, P.E.;*

Signals, Systems and Computers, 2001. Conference Record of the Thirty-Fifth Asilomar Conference on , Volume: 1 , 4-7 Nov. 2001  
 Pages:639 - 643 vol.1

[\[Abstract\]](#)   [\[PDF Full-Text \(385 KB\)\]](#)   IEEE CNF

**5 Beamformer preprocessing for enhanced resolution by the MUSIC algorithm (preview)**

*Lee, H.B.; Wengrovitz, M.S.;*

Spectrum Estimation and Modeling, 1990., Fifth ASSP Workshop on , 10-12 Oct. 1990

Pages:149 - 153

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

---

**6 ARMA-like and ML-like copy/DF approaches for signal-specific emitter location**

*Agee, B.G.; Calabretta, R.A.;*

Spectrum Estimation and Modeling, 1990., Fifth ASSP Workshop on , 10-12 Oct. 1990

Pages:134 - 138

[\[Abstract\]](#) [\[PDF Full-Text \(448 KB\)\]](#) [IEEE CNF](#)

---

**7 Asymptotic results for sensor array processing**

*Ottersten, B.; Ljung, L.;*

Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 International Conference on , 23-26 May 1989

Pages:2266 - 2269 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [IEEE CNF](#)

---

**8 Analysis of queuing behavior of automatic ESM systems**

*El-Ayadi, M.H.; El-Barbary, K.; Abou-Bakr, H.E.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 37 , Issue: 3 , July 2001

Pages:1010 - 1021

[\[Abstract\]](#) [\[PDF Full-Text \(1048 KB\)\]](#) [IEEE JNL](#)

---

**9 An algorithm for functional verification of digital ECL circuits**

*Brauer, E.J.; Sung-Mo Kang;*

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on , Volume: 14 , Issue: 12 , Dec. 1995

Pages:1546 - 1556

[\[Abstract\]](#) [\[PDF Full-Text \(900 KB\)\]](#) [IEEE JNL](#)

---

**10 Functional verification of ECL circuits including voltage regulators**

*Brauer, E.J.; Kang, S.M.;*

Circuits and Systems, 1993., ISCAS '93, 1993 IEEE International Symposium on , 3-6 May 1993

Pages:1710 - 1713 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(336 KB\)\]](#) [IEEE CNF](#)

---

**11 Microwave-detected photoconductance decay**

*Basore, P.A.; Hansen, B.R.;*

Photovoltaic Specialists Conference, 1990., Conference Record of the Twenty First IEEE , 21-25 May 1990

Pages:374 - 379 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) [IEEE CNF](#)

---

**12 On the performance analysis and design of an integrated front-end PIN/HBT photoreceiver**

*Das, N.R.; Deen, M.J.;*

Quantum Electronics, IEEE Journal of , Volume: 40 , Issue: 1 , Jan. 2004

Pages:78 - 91

[\[Abstract\]](#)   [\[PDF Full-Text \(600 KB\)\]](#)   IEEE JNL

---

**13 A Computer Model to Evaluate Airborne Receiver Performance in Interference Environments**

*Koester, D.; Smith, L.; Stevens, R.; Cook, C.;*

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 34 , Issue: 5 , May 1986

Pages:462 - 474

[\[Abstract\]](#)   [\[PDF Full-Text \(1296 KB\)\]](#)   IEEE JNL

---

**14 Field emission in superconducting RF cavities**

*Klein, U.; Turneaure, J.;*

Magnetics, IEEE Transactions on , Volume: 19 , Issue: 3 , May 1983

Pages:1330 - 1333

[\[Abstract\]](#)   [\[PDF Full-Text \(416 KB\)\]](#)   IEEE JNL

---

**15 Analysis of third-order intermodulation distortion in common-emitter BJT and HBT amplifiers**

*Vuolevi, J.; Rahkonen, T.;*

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and Systems II: Express Briefs, IEEE Transactions on] , Volume: 50 , Issue: 12 , Dec. 2003

Pages:994 - 1001

[\[Abstract\]](#)   [\[PDF Full-Text \(479 KB\)\]](#)   IEEE JNL

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**1 Model-based adaptive detection of fluctuating targets**

*Nelander, A.;*

Radar Conference, 2000. The Record of the IEEE 2000 International , 7-12 May 2000

Pages:381 - 386

[\[Abstract\]](#)   [\[PDF Full-Text \(464 KB\)\]](#)   IEEE CNF

**2 Radar detection probabilities and their calculation**

*Shnidman, D.A.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 31 , Issue: 3 , July 1995

Pages:928 - 950

[\[Abstract\]](#)   [\[PDF Full-Text \(1328 KB\)\]](#)   IEEE JNL

**3 Detection and tracking of ballistic target**

*Farina, A.;* *Del Gaudio, M.G.;* *D'Elia, U.;* *Immediata, S.;* *Ortenzi, L.;* *Timmoneri, L.;* *Toma, M.R.;*

Radar Conference, 2004. Proceedings of the IEEE , 26-29 April 2004

Pages:450 - 456

[\[Abstract\]](#)   [\[PDF Full-Text \(706 KB\)\]](#)   IEEE CNF

**4 Adaptive target detection in foliage-penetrating SAR images using alpha-stable models**

*Banerjee, A.;* *Burlina, P.;* *Chellappa, R.;*

Image Processing, IEEE Transactions on , Volume: 8 , Issue: 12 , Dec. 1999

Pages:1823 - 1831

[\[Abstract\]](#)   [\[PDF Full-Text \(820 KB\)\]](#)   IEEE JNL

**5 An optimal detector for moderately fluctuating targets**

*Aloisio, V.;* *Di Vito, A.;* *Galati, G.;*



Radar 92. International Conference , 12-13 Oct 1992  
Pages:110 - 113

[\[Abstract\]](#) [\[PDF Full-Text \(248 KB\)\]](#) [IEEE CNF](#)

---

**6 Model order selection for multidimensional innovations based detection in airborne radar**

*Castro, J.; LeBlanc, J.P.;*

Radar Conference, 1998. RADARCON 98. Proceedings of the 1998 IEEE , 11-14 May 1998

Pages:141 - 146

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE CNF](#)

---

**7 New physical-statistical methods and models for clutter and reverberation: the KA-distribution and related probability structures**

*Middleton, D.;*

Oceanic Engineering, IEEE Journal of , Volume: 24 , Issue: 3 , July 1999

Pages:261 - 284

[\[Abstract\]](#) [\[PDF Full-Text \(812 KB\)\]](#) [IEEE JNL](#)

---

**8 Applying hidden Markov models to radar detection in clutter**

*Stein, D.W.J.; Dillard, G.M.;*

Radar 97 (Conf. Publ. No. 449) , 14-16 Oct. 1997

Pages:586 - 590

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE CNF](#)

---

**9 (Automatic) target detection in synthetic aperture radar imagery via terrain recognition**

*Paget, R.; Homer, J.; Crisp, D.;*

Image Processing, 2001. Proceedings. 2001 International Conference on , Volume: 3 , 7-10 Oct. 2001

Pages:54 - 57 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(432 KB\)\]](#) [IEEE CNF](#)

---

**10 Detection of random and sinusoidal signals in hidden Markov noise**

*Stein, D.W.J.;*

Signals, Systems and Computers, 1996. 1996 Conference Record of the Thirtieth Asilomar Conference on , Volume: 1 , 3-6 Nov. 1996

Pages:464 - 468 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE CNF](#)

---

**11 Multichannel parametric models for airborne phased array clutter**

*Roman, J.R.; Davis, D.W.; Michels, J.H.;*

Radar Conference, 1997., IEEE National , 13-15 May 1997

Pages:72 - 77

[\[Abstract\]](#) [\[PDF Full-Text \(568 KB\)\]](#) [IEEE CNF](#)

---

**12 Analytical and computer model of a Doppler weather radar system**

*Hersey, R.K.; Richards, M.A.; McClellan, J.H.;*

Radar Conference, 2002. Proceedings of the IEEE , 22-25 April 2002

Pages:438 - 444

[\[Abstract\]](#) [\[PDF Full-Text \(596 KB\)\]](#) IEEE CNF

---

**13 Propagation modeling for VHF/UHF-radar detection of targets behind a forest**

*Kuschel, H.; Schneider, D.;*

Radar Conference, 1998. RADARCON 98. Proceedings of the 1998 IEEE , 11-14 May 1998

Pages:325 - 330

[\[Abstract\]](#) [\[PDF Full-Text \(308 KB\)\]](#) IEEE CNF

---

**14 Detection of obscured targets in heavy-tailed radar clutter using an ultra-wideband (UWB) radar and alpha-stable clutter models**

*Kapoor, R.; Tsihrintzis, G.A.; Nandhakumar, N.;*

Signals, Systems and Computers, 1996. 1996 Conference Record of the Thirtieth Asilomar Conference on , 3-6 Nov. 1996

Pages:863 - 867 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) IEEE CNF

---

**15 Detection models for radar ground targets**

*Reed, D.E.; Ziemer, R.E.;*

IEEE Region 5 Conference, 1988: 'Spanning the Peaks of Electrotechnology' , 21-23 March 1988

Pages:18 - 22

[\[Abstract\]](#) [\[PDF Full-Text \(292 KB\)\]](#) IEEE CNF

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**1 M-sweeps detection analysis of cell-averaging CFAR processors in multiple-target situations**
*El Mashade, M.B.;*

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 141 , Issue: 2 , April 1994

Pages:103 - 108

[\[Abstract\]](#)    [\[PDF Full-Text \(316 KB\)\]](#)    **IEE JNL**
**2 Analysis of the excision CFAR detector in the presence of fluctuating targets**
*Conte, E.; Longo, M.; Lops, M.;*

Radar and Signal Processing [see also IEE Proceedings-Radar, Sonar and Navigation], IEE Proceedings F , Volume: 136 , Issue: 6 , Dec. 1989

Pages:290 - 292

[\[Abstract\]](#)    [\[PDF Full-Text \(220 KB\)\]](#)    **IEE JNL**
**3 Clutter reduction and object detection in surface penetrating radar**
*Brunzell, H.;*

Radar 97 (Conf. Publ. No. 449) , 14-16 Oct. 1997

Pages:688 - 691

[\[Abstract\]](#)    [\[PDF Full-Text \(276 KB\)\]](#)    **IEE CNF**
**4 Performance analysis of two adaptive radar detectors against non-Gaussian real sea clutter data**
*Gini, F.; Greco, M.V.; Diani, M.; Verrazzani, L.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 36 , Issue: 4 , Oct. 2000

Pages:1429 - 1439

[\[Abstract\]](#)    [\[PDF Full-Text \(932 KB\)\]](#)    **IEEE JNL**

**5 A novel approach for CFAR detector design in Weibull background***Fu, J.S.; Lei Zhao; Weixian Liu;*

Radar, 2001 CIE International Conference on, Proceedings , 15-18 Oct. 2001

Pages:338 - 340

[\[Abstract\]](#) [\[PDF Full-Text \(150 KB\)\]](#) IEEE CNF**6 A new maximum likelihood generalized gamma CFAR detector***Gigli, G.; Lampropoulos, G.A.;*

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE

International , Volume: 6 , 24-28 June 2002

Pages:3399 - 3401 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF**7 Nonlinear modeling of gated tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 27 , Issue:

1 , Jan. 1991

Pages:68 - 82

[\[Abstract\]](#) [\[PDF Full-Text \(1148 KB\)\]](#) IEEE JNL**8 Matched subspace detectors for discrimination of targets from trees in SAR imagery***Sharma, A.; Moses, R.L.;*

Signals, Systems and Computers, 2000. Conference Record of the Thirty-Fourth Asilomar Conference on , Volume: 2 , 29 Oct.-1 Nov. 2000

Pages:1721 - 1726 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF**9 Bayesian optimum radar detector in non-Gaussian noise***Emmanuelle, J.; Ovarlez, J.-P.; Declercq, D.; Duvaut, P.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE International Conference on , Volume: 2 , 2002

Pages:1289 - 1292

[\[Abstract\]](#) [\[PDF Full-Text \(378 KB\)\]](#) IEEE CNF**10 The neural network method for radar weak target detection***Hu Wei-Dong; Yu Wen-Xian; Guo Gui-Rong;*

Aerospace and Electronics Conference, 1994. NAECON 1994., Proceedings of the IEEE 1994 National , 23-27 May 1994

Pages:1052 - 1058 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF**11 Nonlinear modeling of gated range tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

Decision and Control, 1990., Proceedings of the 29th IEEE Conference on , 5-7 Dec. 1990

Pages:2276 - 2282 vol.4

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**12 An optimal detector for moderately fluctuating targets***Aloisio, V.; Di Vito, A.; Galati, G.;*

Radar 92. International Conference , 12-13 Oct 1992

Pages:110 - 113

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**13 A robust adaptive threshold detector***Holm, J.R.; Ritcey, J.A.;*

Radar 92. International Conference , 12-13 Oct 1992

Pages:102 - 105

[\[Abstract\]](#)   [\[PDF Full-Text \(280 KB\)\]](#)   **IEE CNF**

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**14 UWB radar detection of targets in foliage using alpha-stable clutter models***Kapoor, R.; Banerjee, A.; Tsihrintzis, G.A.; Nandhakumar, N.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 35 , Issue: 3 , July 1999

Pages:819 - 834

[\[Abstract\]](#)   [\[PDF Full-Text \(2848 KB\)\]](#)   **IEEE JNL**

---

**15 Robustness of the likelihood ratio detector for moderately fluctuating radar targets***Di Vito, A.; Nakli, M.;*

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 146 , Issue: 2 , April 1999

Pages:107 - 112

[\[Abstract\]](#)   [\[PDF Full-Text \(388 KB\)\]](#)   **IEE JNL**

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**1 An SPW computer simulation analysis of an RF signal detection system**

*Dempsey, T.P.; Brooker, M.C.;*

Tactical Communications Conference, 1996., Proceedings of the 1996 , 30 April-2 May 1996

Pages:293 - 301

[\[Abstract\]](#)   [\[PDF Full-Text \(548 KB\)\]](#)   IEEE CNF

---

**2 Modeling of ultrasound speckle with application in flaw detection in metals**

*Cohen, F.S.;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 40 , Issue: 3 , March 1992

Pages:624 - 632

[\[Abstract\]](#)   [\[PDF Full-Text \(1060 KB\)\]](#)   IEEE JNL

---

**3 Segmentation of natural images based on multiresolution pyramids linking of the parameters of an autoregressive rotation invariant model. Application to leather defects detection**

*Limas Serafim, A.F.;*

Pattern Recognition, 1992. Vol.III. Conference C: Image, Speech and Signal Analysis, Proceedings., 11th IAPR International Conference on , 30 Aug.-3 Sept. 1992

Pages:41 - 44

[\[Abstract\]](#)   [\[PDF Full-Text \(360 KB\)\]](#)   IEEE CNF

---

**4 Markov models for block code error control systems on fading RF channels**

*Oosthuizen, D.R.; Ferreira, H.C.; Swarts, F.;*

Communications and Signal Processing, 1989. COMSIG 1989. Proceedings., Southern African Conference on , 23 June 1989

Pages:1 - 6



[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) [IEEE CNF](#)

---

**5 Ultrasound contrast agent in intravascular echography: parametric mapping based on RF output**

*Rognin, N.; Merel, C.; Cachard, C.; Brusseau, E.; Finet, G.;*

Ultrasonics Symposium, 2000 IEEE , Volume: 2 , 22-25 Oct. 2000

Pages:1787 - 1790 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE CNF](#)

---

**6 Improved modeling and design of microphones using radio frequency detection with capacitive micromachined ultrasonic transducers**

*Hansen, S.T.; Ergun, A.S.; Khuri-Yakub, B.T.;*

Ultrasonics Symposium, 2001 IEEE , Volume: 2 , 7-10 Oct. 2001

Pages:961 - 964 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(443 KB\)\]](#) [IEEE CNF](#)

---

**7 IEE Seminar Electromagnetic Assessment and Antenna Design Relating to Health Implications of Mobile Phones (Ref. No.1999/043)**

Electromagnetic Assessment and Antenna Design Relating To Health Implications of Mobile Phones (Ref. No. 1999/043), IEE Seminar on , 28 June 1999

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE CNF](#)

---

**8 Beamforming and interference canceling with very large wideband arrays**

*Ellingson, S.W.;*

Antennas and Propagation, IEEE Transactions on , Volume: 51 , Issue: 6 , June 2003

Pages:1338 - 1346

[\[Abstract\]](#) [\[PDF Full-Text \(607 KB\)\]](#) [IEEE JNL](#)

---

**9 A hardware demonstrator for TD-CDMA**

*Weber, T.; Schlee, J.; Bahrenburg, S.; Baier, P.W.; Mayer, J.; Euscher, C.;*

Vehicular Technology, IEEE Transactions on , Volume: 51 , Issue: 5 , Sept. 2002

Pages:877 - 892

[\[Abstract\]](#) [\[PDF Full-Text \(1925 KB\)\]](#) [IEEE JNL](#)

---

**10 Optical signal generation at millimeter-wave repetition rates using semiconductor lasers with pulsed subharmonic optical injection**

*Yang Jing Wen; Hai Feng Liu; Novak, D.;*

Quantum Electronics, IEEE Journal of , Volume: 37 , Issue: 9 , Sept. 2001

Pages:1183 - 1193

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) [IEEE JNL](#)

---

**11 Evaluation of partial discharge detection techniques on hydro-generators in the Australian Snowy Mountains scheme. Tumut 1 case study**

*Simpson, J.W.L.; Tychsen, R.C.; Su, Q.; Blackburn, T.R.; James, R.E.;*

Energy Conversion, IEEE Transactions on , Volume: 10 , Issue: 1 , March 1995

Pages:18 - 24

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) IEEE JNL

---

**12 Performance evaluation of a novel M-detector for coherent receiver antenna diversity in a GSM-type mobile radio system**

*Jung, P.;*

Selected Areas in Communications, IEEE Journal on , Volume: 13 , Issue: 1 , Jan. 1995

Pages:80 - 88

[\[Abstract\]](#) [\[PDF Full-Text \(780 KB\)\]](#) IEEE JNL

---

**13 Deep nondestructive testing using a bulk high  $T_c$  RF-SQUID**

*Alzayed, N.S.; Chang-Xin Fan; Lu, D.F.; Wong, K.W.; Chester, M.; Knapp, D.E.;*

Applied Superconductivity, IEEE Transactions on , Volume: 4 , Issue: 2 , June 1994

Pages:81 - 86

[\[Abstract\]](#) [\[PDF Full-Text \(532 KB\)\]](#) IEEE JNL

---

**14 Multigigabit subcarrier multiplexed coherent lightwave system**

*Hill, P.M.; Olshansky, R.;*

Lightwave Technology, Journal of , Volume: 10 , Issue: 11 , Nov. 1992

Pages:1656 - 1664

[\[Abstract\]](#) [\[PDF Full-Text \(728 KB\)\]](#) IEEE JNL

---

**15 Maximum likelihood estimation of A-scan amplitudes for coherent targets in media of unresolvable scatterers**

*Donohue, K.D.;*

Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on , Volume: 39 , Issue: 3 , May 1992

Pages:422 - 431

[\[Abstract\]](#) [\[PDF Full-Text \(884 KB\)\]](#) IEEE JNL

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*Booth, C.; McDonald, J.R.; Donald, P.; Lines, N.; Cooke, N.; Smith, C.;*  
 Power Engineering Review, IEEE , Volume: 21 , Issue: 4 , April 2001  
 Pages:62 - 63

[\[Abstract\]](#)    [\[PDF Full-Text \(96 KB\)\]](#)    **IEEE JNL**
**2 A thermohydraulic modelling for the stator bars of large turbogenerators: development, validation by laboratory and on site tests**

*Rioual, M.;*  
 Energy Conversion, IEEE Transactions on , Volume: 12 , Issue: 1 , March 1997  
 Pages:1 - 9

[\[Abstract\]](#)    [\[PDF Full-Text \(732 KB\)\]](#)    **IEEE JNL**
**3 A focal plane visual motion measurement sensor**

*Etienne-Cummings, R.; Van der Spiegel, J.; Mueller, P.;*  
 Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 44 , Issue: 1 , Jan. 1997  
 Pages:55 - 66

[\[Abstract\]](#)    [\[PDF Full-Text \(324 KB\)\]](#)    **IEEE JNL**
**4 Development of elementary technologies for 100 kWh/20 MW SMES with multipurpose applications**

*Yamamoto, M.; Hirano, N.; Minemura, T.; Shinoda, K.; Fujibayashi, K.; Sato, H.;*  
*Washida, S.; Ohmyo, N.; Honda, K.; Tsutsumi, K.; Uchida, N.; Kurihara, I.;*  
 Power Engineering Society Winter Meeting, 2000. IEEE , Volume: 4 , 23-27 Jan. 2000  
 Pages:2716 - 2721 vol.4

[\[Abstract\]](#)    [\[PDF Full-Text \(572 KB\)\]](#)    **IEEE CNF**

---

**5 Imaging the stiffness of the vitreous body with acoustic radiation force**  
*Walker, W.F.; Negron, L.A.; Mondzelewski, T.J.; McAllister, M.J.; Fernandez, F.J.; Toth, C.A.;*  
Ultrasonics Symposium, 1999. Proceedings. 1999 IEEE , Volume: 2 , 17-20 Oct. 1999  
Pages:1635 - 1639 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(380 KB\)\]](#) [IEEE CNF](#)

---

**6 HBT active antenna as a self oscillating Doppler sensor**  
*Kelly, M.J.; Stewart, J.A.C.; Patterson, A.D.;*  
Microwave Symposium Digest, 1997., IEEE MTT-S International , Volume: 2 , 8-13 June 1997  
Pages:1065 - 1068 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(196 KB\)\]](#) [IEEE CNF](#)

---

**7 Retinomorph chips that see quadruple images**  
*Boahen, K.;*  
Microelectronics for Neural, Fuzzy and Bio-Inspired Systems, 1999. MicroNeuro '99. Proceedings of the Seventh International Conference on , 7-9 April 1999  
Pages:12 - 20

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) [IEEE CNF](#)

---

**8 Very High Sensitivity Heterodyne Detection of X-Band Radiation with Neon Indicator Lamps**  
*Makover, Y.; Manor, O.R.; Kopeika, N.S.;*  
Microwave Theory and Techniques, IEEE Transactions on , Volume: 26 , Issue: 1 , Jan 1978  
Pages:38 - 43

[\[Abstract\]](#) [\[PDF Full-Text \(680 KB\)\]](#) [IEEE JNL](#)

---

**9 Microwave Performance of an Optically Controlled AlGaAs/GaAs High Electron Mobility Transistor and GaAs MESFET**  
*Simons, R.N.;*  
Microwave Theory and Techniques, IEEE Transactions on , Volume: 35 , Issue: 12 , Dec 1987  
Pages:1444 - 1455

[\[Abstract\]](#) [\[PDF Full-Text \(1416 KB\)\]](#) [IEEE JNL](#)

---

**10 Complete polarization mode control of long-wavelength tunable vertical-cavity surface-emitting lasers over 65-nm tuning, up to 14-mW output power**  
*Matsui, Y.; Vakhshoori, D.; Peidong Wang; Peili Chen; Chih-Cheng Lu; Min Jiang; Knopp, K.; Burroughs, S.; Tayebati, P.;*  
Quantum Electronics, IEEE Journal of , Volume: 39 , Issue: 9 , Sept. 2003  
Pages:1037 - 1048

[\[Abstract\]](#) [\[PDF Full-Text \(625 KB\)\]](#) [IEEE JNL](#)

---

**11 Integrated HEMT-based charge amplifier-design and experiment**  
*Arnaboldi, C.; Guazzoni, C.; Longoni, A.; Pessina, G.; Cetronio, A.;*  
Nuclear Science, IEEE Transactions on , Volume: 48 , Issue: 3 , June 2001

Pages:473 - 478

[\[Abstract\]](#) [\[PDF Full-Text \(140 KB\)\]](#) [IEEE JNL](#)

---

**12 A 63-170 GHz second-harmonic operation of an InP transferred electron device**

*Jones, S.H.; Zybura, M.F.; Carlstrom, J.E.; O'Brien, T.M.;*

Electron Devices, IEEE Transactions on , Volume: 46 , Issue: 1 , Jan. 1999

Pages:17 - 23

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) [IEEE JNL](#)

---

**13 CMOS interface circuitry for a low-voltage micromachined tunneling accelerometer**

*Chingwen Yeh; Najafi, K.;*

Microelectromechanical Systems, Journal of , Volume: 7 , Issue: 1 , March 1998

Pages:6 - 15

[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) [IEEE JNL](#)

---

**14 Ultra-high-speed PLL-type clock recovery circuit based on all-optical gain modulation in traveling-wave laser diode amplifier**

*Kawanishi, S.; Saruwatari, M.;*

Lightwave Technology, Journal of , Volume: 11 , Issue: 12 , Dec. 1993

Pages:2123 - 2129

[\[Abstract\]](#) [\[PDF Full-Text \(592 KB\)\]](#) [IEEE JNL](#)

---

**15 Theoretical model for a background noise limited laser-excited optical filter for doubled Nd lasers**

*Shay, T.M.; Garcia, D.F.;*

Quantum Electronics, IEEE Journal of , Volume: 26 , Issue: 6 , June 1990

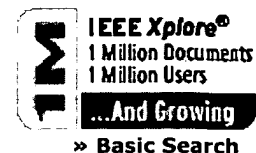
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**1 AC/ID-a decentral media access control with interference detection for mobile radio networks***Jakobs, K.; Kaltwasser, J.; Reichert, F.;*

Telecommunications, 1991. Third IEE Conference on , 17-20 Mar 1991

Pages:384 - 387

[\[Abstract\]](#)    [\[PDF Full-Text \(300 KB\)\]](#)    IEEE CNF**2 All-digital impulse radio with multiuser detection for wireless cellular systems***Le Martret, C.J.; Giannakis, G.B.;*

Communications, IEEE Transactions on , Volume: 50 , Issue: 9 , Sept. 2002

Pages:1440 - 1450

[\[Abstract\]](#)    [\[PDF Full-Text \(432 KB\)\]](#)    IEEE JNL**3 Impact of modeling errors on the performance of MIMO receivers with APP and PIC detection***Karimi, H.R.; Claussen, H.;*

Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE , Volume:

3 , 1-5 Dec. 2003

Pages:1231 - 1236 vol.3

[\[Abstract\]](#)    [\[PDF Full-Text \(421 KB\)\]](#)    IEEE CNF**4 Propagation modeling for VHF/UHF-radar detection of targets behind a forest***Kuschel, H.; Schneider, D.;*

Radar Conference, 1998. RADARCON 98. Proceedings of the 1998 IEEE , 11-14

May 1998

Pages:325 - 330

[\[Abstract\]](#)    [\[PDF Full-Text \(308 KB\)\]](#)    IEEE CNF



**5 Safety analysis by box modeling method of system behavior-application to train control system**

*Hiraguri, S.; Nishibori, N.; Hidaka, Y.; Kasai, T.; Nakamura, H.;*  
Dependable Computing, 2001. Proceedings. 2001 Pacific Rim International Symposium on , 17-19 Dec. 2001  
Pages:375 - 378

[\[Abstract\]](#) [\[PDF Full-Text \(485 KB\)\]](#) IEEE CNF

---

**6 Radio frequency interference effect on PN code sequence lock detector**

*Kwon, H.M.; Tu, K.; Loh, Y.C.;*  
Military Communications Conference, 1991. MILCOM '91, Conference Record, 'Military Communications in a Changing World', IEEE , 4-7 Nov. 1991  
Pages:1074 - 1078 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) IEEE CNF

---

**7 Performance analysis of cell search in W-CDMA systems over Rayleigh fading channels**

*Moon Kyou Song; Bhargava, V.K.;*  
Vehicular Technology, IEEE Transactions on , Volume: 51 , Issue: 4 , July 2002  
Pages:749 - 759

[\[Abstract\]](#) [\[PDF Full-Text \(381 KB\)\]](#) IEEE JNL

---

**8 Multiuser detectors with disjoint Kalman channel estimators for synchronous CDMA mobile radio channels**

*Wu, P.H.-Y.; Duel-Hallen, A.;*  
Communications, IEEE Transactions on , Volume: 48 , Issue: 5 , May 2000  
Pages:752 - 756

[\[Abstract\]](#) [\[PDF Full-Text \(156 KB\)\]](#) IEEE JNL

---

**9 Diversity n/4-DQPSK on microcellular interference channels**

*Abu-Dayya, A.A.; Beaulieu, N.C.;*  
Communications, IEEE Transactions on , Volume: 44 , Issue: 10 , Oct. 1996  
Pages:1289 - 1297

[\[Abstract\]](#) [\[PDF Full-Text \(792 KB\)\]](#) IEEE JNL

---

**10 MMSE multiuser detection for multi-rate wideband CDMA communications**

*Meng-Hsuan Chung; Kwang-Cheng Chen; You, M.Y.;*  
Personal, Indoor and Mobile Radio Communications, 2000. PIMRC 2000. The 11th IEEE International Symposium on , Volume: 1 , 18-21 Sept. 2000  
Pages:534 - 538 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(492 KB\)\]](#) IEEE CNF

---

**11 Simulator evaluation of incident detection using VRC system**

*Mussa, R.; Upchurch, J.;*  
Intelligent Vehicles Symposium, 2000. IV 2000. Proceedings of the IEEE , 3-5 Oct. 2000  
Pages:442 - 450

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) IEEE CNF

---

**12 Robust speech recognition in burst-like packet loss***Milner, B.;*

Acoustics, Speech, and Signal Processing, 2001. Proceedings. (ICASSP '01). 2001  
IEEE International Conference on , Volume: 1 , 7-11 May 2001  
Pages:261 - 264 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) [IEEE CNF](#)

---

**13 Analysis of the probability of detecting the DLOS path for geolocation applications in indoor areas***Krishnamurthy, P.; Pahlavan, K.;*

Vehicular Technology Conference, 1999 IEEE 49th , Volume: 2 , 16-20 May 1999  
Pages:1161 - 1165 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) [IEEE CNF](#)

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**14 Realistic simulations of CDMA mobile radio systems using joint detection and coherent receiver antenna diversity***Blanz, J.; Jung, P.; Nasshan, M.;*

Spread Spectrum Techniques and Applications, 1994. IEEE ISSSTA '94., IEEE Third International Symposium on , 4-6 July 1994  
Pages:193 - 197 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(388 KB\)\]](#) [IEEE CNF](#)

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**15 An adaptive equalizer for digital FM with limiter-discriminator detection in frequency-selective fading channel***Akaiwa, Y.; Maki, M.;*

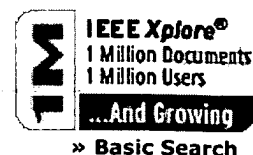
Vehicular Technology Conference, 1994 IEEE 44th , 8-10 June 1994  
Pages:248 - 251 vol.1

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Microwave and Millimeter Wave Technology Proceedings, 1998. ICMMT '98. 1998 International Conference on , 18-20 Aug. 1998

Pages:520 - 523

[\[Abstract\]](#)   [\[PDF Full-Text \(148 KB\)\]](#)   **IEEE CNF****2 Modeling of surface hairline-crack detection in metals under coatings using an open-ended rectangular waveguide***Huber, C.; Abiri, H.; Ganchev, S.I.; Zoughi, R.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 45 , Issue: 11 , Nov. 1997

Pages:2049 - 2057

[\[Abstract\]](#)   [\[PDF Full-Text \(276 KB\)\]](#)   **IEEE JNL****3 Modeling With the FDTD Method for Microwave Breast Cancer Detection***Kosmas, P.; Rappaport, C.M.; Bishop, E.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue: 8 , Aug. 2004

Pages:1890 - 1897

[\[Abstract\]](#)   [\[PDF Full-Text \(496 KB\)\]](#)   **IEEE JNL****4 Confocal microwave imaging for breast tumor detection: application to a hemispherical breast model***Fear, E.C.; Okoniewski, M.;*

Microwave Symposium Digest, 2002 IEEE MTT-S International , Volume: 3 , 2-7 June 2002

Pages:1759 - 1762

[\[Abstract\]](#)   [\[PDF Full-Text \(471 KB\)\]](#)   **IEEE CNF**

**5 Environmental influence on microwave radiometry for buried object detection**

*Wiggins, D.R.; Ungan, B.U.; Johnson, J.T.;*

Antennas and Propagation Society International Symposium, 2001. IEEE , Volume: 3 , 8-13 July 2001

Pages:736 - 739 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(160 KB\)\]](#) IEEE CNF

---

**6 AC/ID-a decentral media access control with interference detection for mobile radio networks**

*Jakobs, K.; Kaltwasser, J.; Reichert, F.;*

Telecommunications, 1991. Third IEE Conference on , 17-20 Mar 1991

Pages:384 - 387

[\[Abstract\]](#) [\[PDF Full-Text \(300 KB\)\]](#) IEE CNF

---

**7 Transmission line matrix model for detection of local changes in permeability using a microwave technique**

*Ciocan, R.; Ida, N.;*

Magnetics, IEEE Transactions on , Volume: 40 , Issue: 2 , March 2004

Pages:651 - 654

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) IEEE JNL

---

**8 Microwave detection of breast cancer**

*Fear, E.C.; Stuchly, M.A.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 48 , Issue: 11 , Nov. 2000

Pages:1854 - 1863

[\[Abstract\]](#) [\[PDF Full-Text \(480 KB\)\]](#) IEEE JNL

---

**9 IGARSS '98. Sensing and Managing the Environment. 1998 IEEE International Geoscience and Remote Sensing. Symposium Proceedings. (Cat. No.98CH36174)**

Geoscience and Remote Sensing Symposium Proceedings, 1998. IGARSS '98. 1998 IEEE International , Volume: 1 , 6-10 July 1998

[\[Abstract\]](#) [\[PDF Full-Text \(80 KB\)\]](#) IEEE CNF

---

**10 FDTD modeling of leukemia-detecting system by using microwave**

*Guoji Zhang; Xiangying Wu; Fei Ji; Yifang Wang; Shengli Lai;*

Microwave and Millimeter Wave Technology Proceedings, 1998. ICMMT '98. 1998 International Conference on , 18-20 Aug. 1998

Pages:813 - 816

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) IEEE CNF

---

**11 FDTD modeling of a coherent-addition antenna array for early-stage detection of breast cancer**

*Hagness, S.C.; Taflove, A.; Bridges, J.E.;*

Antennas and Propagation Society International Symposium, 1998. IEEE , Volume: 2 , 21-26 June 1998

Pages:1220 - 1223 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(297 KB\)\]](#) IEEE CNF

---

**12 Modeling of power reflection in microwave detected photoconductance decay [in Si solar cells]**

*Ghannam, M.Y.; Mahmoud, S.F.; Nijs, J.F.;*

Photovoltaic Energy Conversion, 1994., Conference Record of the Twenty Fourth ; IEEE Photovoltaic Specialists Conference - 1994, 1994 IEEE First World Conference on , Volume: 2 , 5-9 Dec. 1994

Pages:1441 - 1445 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(348 KB\)\]](#)   IEEE CNF

---

**13 Subsurface object sensing with a multifrequency microwave radiometer**

*Johnson, J.T.; Hyunjun Kim; Wiggins, D.R.; Yonghun Cheon;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 40 , Issue: 12 , Dec. 2002

Pages:2719 - 2726

[\[Abstract\]](#)   [\[PDF Full-Text \(884 KB\)\]](#)   IEEE JNL

---

**14 Blind channel approximation: effective channel order determination**

*Liavas, A.P.; Regalia, P.A.; Delmas, J.-P.;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 47 , Issue: 12 , Dec. 1999

Pages:3336 - 3344

[\[Abstract\]](#)   [\[PDF Full-Text \(224 KB\)\]](#)   IEEE JNL

---

**15 Microwave detection using the resonant tunneling diode**

*Gering, J.M.; Rudnick, T.J.; Coleman, P.D.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 36 , Issue: 7 , July 1988

Pages:1145 - 1150

[\[Abstract\]](#)   [\[PDF Full-Text \(524 KB\)\]](#)   IEEE JNL

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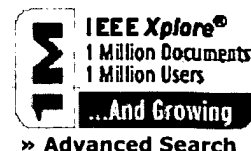
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*Quaranta, A.; Vomiero, A.; Della Mea, G.;*

Nuclear Science, IEEE Transactions on , Volume: 49 , Issue: 5 , Oct. 2002

Pages:2610 - 2615

[\[Abstract\]](#)   [\[PDF Full-Text \(584 KB\)\]](#)   **IEEE JNL**

#### 2 An infrared-scene projector digital model

*Manzardo, M.A.; LeSueur, K.G.;*

Computing in Science & Engineering [see also IEEE Computational Science and Engineering] , Volume: 4 , Issue: 2 , March-April 2002

Pages:58 - 65

[\[Abstract\]](#)   [\[PDF Full-Text \(729 KB\)\]](#)   **IEEE JNL**

#### 3 Physical model of depletion and accumulation in quantum-well infrared photodetectors

*Pan, J.L.; Fonstad, C.G., Jr.;*

Quantum Electronics, IEEE Journal of , Volume: 35 , Issue: 11 , Nov. 1999

Pages:1673 - 1684

[\[Abstract\]](#)   [\[PDF Full-Text \(280 KB\)\]](#)   **IEEE JNL**

#### 4 New device models of quantum well infrared photodetectors

*Pan, J.L.;*

Device Research Conference, 2000. Conference Digest. 58th DRC , 19-21 June 2000

Pages:47 - 48

[\[Abstract\]](#)   [\[PDF Full-Text \(144 KB\)\]](#)   **IEEE CNF**

#### 5 High resolution detector modules based on NaI(Tl) arrays for small animal imaging

*Weisenberger, A.G.; Majewski, S.; Popov, V.; Wojcik, R.;*



Nuclear Science Symposium Conference Record, 2001 IEEE , Volume: 3 , 4-10  
Nov. 2001  
Pages:1540 - 1544 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(528 KB\)\]](#) [IEEE CNF](#)

---

**6 Monte Carlo modeling of infrared multiple-quantum-well phototransistor**

*Ryzhii, V.; Ershov, M.;*

Numerical Modeling of Processes and Devices for Integrated Circuits, 1994. NUPAD V., International Workshop on , 5-6 June 1994

Pages:67 - 70

[\[Abstract\]](#) [\[PDF Full-Text \(204 KB\)\]](#) [IEEE CNF](#)

---

**7 Asymptotic results for sensor array processing**

*Ottersten, B.; Ljung, L.;*

Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., 1989 International Conference on , 23-26 May 1989

Pages:2266 - 2269 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [IEEE CNF](#)

---

**8 Numerical simulation design study of a positron camera for heavy-ion radiotherapy**

*Iseki, Y.; Futami, Y.; Tomitani, T.; Koda, S.; Nishio, T.; Kanai, T.; Kanazawa, M.; Kitagawa, A.; Mizuno, H.; Murakami, T.; Shimbo, M.; Suda, M.; Urakabe, E.;*

Nuclear Science, IEEE Transactions on , Volume: 48 , Issue: 4 , Aug. 2001

Pages:1550 - 1560

[\[Abstract\]](#) [\[PDF Full-Text \(208 KB\)\]](#) [IEEE JNL](#)

---

**9 Analysis of edge-coupled heterojunction phototransistors**

*Allsopp, D.W.E.; Stern, M.S.; Strobel, E.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 47 , Issue: 7 , July 1999

Pages:1289 - 1296

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) [IEEE JNL](#)

---

**10 Negative capacitance effect in semiconductor devices**

*Ershov, M.; Liu, H.C.; Li, L.; Buchanan, M.; Wasilewski, Z.R.; Jonscher, A.K.;*

Electron Devices, IEEE Transactions on , Volume: 45 , Issue: 10 , Oct. 1998

Pages:2196 - 2206

[\[Abstract\]](#) [\[PDF Full-Text \(316 KB\)\]](#) [IEEE JNL](#)

---

**11 High-frequency performance of single quantum well infrared photodetectors at high power densities**

*Ryzhii, V.;*

Electron Devices, IEEE Transactions on , Volume: 45 , Issue: 8 , Aug. 1998

Pages:1797 - 1803

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) [IEEE JNL](#)

---

**12 Effect of emitter layer concentration on the performance of GaAs p<sup>+</sup>-i homojunction far-infrared detectors: a comparison of theory and experiment**

Wenzhong Shen; Unil Perera, A.G.; Francombe, M.H.; Liu, H.C.; Buchanan, M.; Schaff, W.J.;  
Electron Devices, IEEE Transactions on , Volume: 45 , Issue: 8 , Aug. 1998  
Pages:1671 - 1677

[\[Abstract\]](#) [\[PDF Full-Text \(152 KB\)\]](#) [IEEE JNL](#)

---

**13 Analysis of subspace fitting and ML techniques for parameter estimation from sensor array data**

*Ottersten, B.; Viberg, M.; Kailath, T.;*

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 40 , Issue: 3 , March 1992  
Pages:590 - 600

[\[Abstract\]](#) [\[PDF Full-Text \(896 KB\)\]](#) [IEEE JNL](#)

---

**14 A study of data loss and mispositioning due to pileup in 2-D detectors in PET**

*Germano, G.; Hoffman, E.J.;*

Nuclear Science, IEEE Transactions on , Volume: 37 , Issue: 2 , April 1990  
Pages:671 - 675

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) [IEEE JNL](#)

---

**15 Evaluation of long life (L/sup 2/) microchannel plates for X-ray photon counting**

*Fraser, G.W.; Pearson, J.F.; Lees, J.E.;*

Nuclear Science, IEEE Transactions on , Volume: 35 , Issue: 1 , Feb 1988  
Pages:529 - 533

[\[Abstract\]](#) [\[PDF Full-Text \(288 KB\)\]](#) [IEEE JNL](#)

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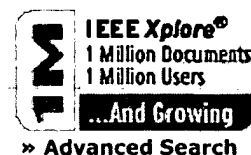
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**1 M-sweeps detection analysis of cell-averaging CFAR processors in multiple-target situations**

*El Mashade, M.B.;*

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 141 , Issue: 2 , April 1994

Pages:103 - 108

[\[Abstract\]](#)   [\[PDF Full-Text \(316 KB\)\]](#)   **IEE JNL**

**2 Analysis of the excision CFAR detector in the presence of fluctuating targets**

*Conte, E.; Longo, M.; Lops, M.;*

Radar and Signal Processing [see also IEE Proceedings-Radar, Sonar and Navigation], IEE Proceedings F , Volume: 136 , Issue: 6 , Dec. 1989

Pages:290 - 292

[\[Abstract\]](#)   [\[PDF Full-Text \(220 KB\)\]](#)   **IEE JNL**

**3 Clutter reduction and object detection in surface penetrating radar**

*Brunzell, H.;*

Radar 97 (Conf. Publ. No. 449) , 14-16 Oct. 1997

Pages:688 - 691

[\[Abstract\]](#)   [\[PDF Full-Text \(276 KB\)\]](#)   **IEE CNF**

**4 Performance analysis of two adaptive radar detectors against non-Gaussian real sea clutter data**

*Gini, F.; Greco, M.V.; Diani, M.; Verrazzani, L.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 36 , Issue: 4 , Oct. 2000

Pages:1429 - 1439

[\[Abstract\]](#)   [\[PDF Full-Text \(932 KB\)\]](#)   **IEEE JNL**

**5 A novel approach for CFAR detector design in Weibull background***Fu, J.S.; Lei Zhao; Weixian Liu;*

Radar, 2001 CIE International Conference on, Proceedings , 15-18 Oct. 2001

Pages:338 - 340

[\[Abstract\]](#) [\[PDF Full-Text \(150 KB\)\]](#) IEEE CNF**6 A new maximum likelihood generalized gamma CFAR detector***Gigli, G.; Lampropoulos, G.A.;*

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE

International , Volume: 6 , 24-28 June 2002

Pages:3399 - 3401 vol.6

[\[Abstract\]](#) [\[PDF Full-Text \(264 KB\)\]](#) IEEE CNF**7 Nonlinear modeling of gated tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 27 , Issue:

1 , Jan. 1991

Pages:68 - 82

[\[Abstract\]](#) [\[PDF Full-Text \(1148 KB\)\]](#) IEEE JNL**8 Matched subspace detectors for discrimination of targets from trees in SAR imagery***Sharma, A.; Moses, R.L.;*

Signals, Systems and Computers, 2000. Conference Record of the Thirty-Fourth

Asilomar Conference on , Volume: 2 , 29 Oct.-1 Nov. 2000

Pages:1721 - 1726 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(412 KB\)\]](#) IEEE CNF**9 Bayesian optimum radar detector in non-Gaussian noise***Emmanuelle, J.; Ovarlez, J.-P.; Declercq, D.; Duvaut, P.;*

Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). IEEE

International Conference on , Volume: 2 , 2002

Pages:1289 - 1292

[\[Abstract\]](#) [\[PDF Full-Text \(378 KB\)\]](#) IEEE CNF**10 The neural network method for radar weak target detection***Hu Wei-Dong; Yu Wen-Xian; Guo Gui-Rong;*

Aerospace and Electronics Conference, 1994. NAECON 1994., Proceedings of the

IEEE 1994 National , 23-27 May 1994

Pages:1052 - 1058 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) IEEE CNF**11 Nonlinear modeling of gated range tracker dynamics with application to radar range resolution***Abed, E.H.; Goldberg, A.J.; Gover, R.E.;*

Decision and Control, 1990., Proceedings of the 29th IEEE Conference on , 5-7

Dec. 1990

Pages:2276 - 2282 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(452 KB\)\]](#) IEEE CNF

---

**12 An optimal detector for moderately fluctuating targets***Aloisio, V.; Di Vito, A.; Galati, G.;*

Radar 92. International Conference , 12-13 Oct 1992

Pages:110 - 113

[\[Abstract\]](#)   [\[PDF Full-Text \(248 KB\)\]](#)   **IEE CNF**

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**13 A robust adaptive threshold detector***Holm, J.R.; Ritcey, J.A.;*

Radar 92. International Conference , 12-13 Oct 1992

Pages:102 - 105

[\[Abstract\]](#)   [\[PDF Full-Text \(280 KB\)\]](#)   **IEE CNF**

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**14 UWB radar detection of targets in foliage using alpha-stable clutter models***Kapoor, R.; Banerjee, A.; Tsihrintzis, G.A.; Nandhakumar, N.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 35 , Issue: 3 , July 1999

Pages:819 - 834

[\[Abstract\]](#)   [\[PDF Full-Text \(2848 KB\)\]](#)   **IEEE JNL**

---

**15 Robustness of the likelihood ratio detector for moderately fluctuating radar targets***Di Vito, A.; Nakli, M.;*

Radar, Sonar and Navigation, IEE Proceedings - , Volume: 146 , Issue: 2 , April 1999

Pages:107 - 112

[\[Abstract\]](#)   [\[PDF Full-Text \(388 KB\)\]](#)   **IEE JNL**

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Pages:30 - 34[\[Abstract\]](#)   [\[PDF Full-Text \(448 KB\)\]](#)   **IEEE JNL****2 Landmine detection with ground penetrating radar using hidden Markov models***Gader, P.D.; Mystkowski, M.; Yunxin Zhao;*Geoscience and Remote Sensing, IEEE Transactions on , Volume: 39 , Issue: 6 , June 2001  
Pages:1231 - 1244[\[Abstract\]](#)   [\[PDF Full-Text \(308 KB\)\]](#)   **IEEE JNL****3 Ultrawide-band synthetic aperture radar for detection of unexploded ordnance: modeling and measurements***Sullivan, A.; Damarla, R.; Geng, N.; Yanting Dong; Carin, L.;*Antennas and Propagation, IEEE Transactions on , Volume: 48 , Issue: 9 , Sept. 2000  
Pages:1306 - 1315[\[Abstract\]](#)   [\[PDF Full-Text \(516 KB\)\]](#)   **IEEE JNL****4 UWB radar detection of targets in foliage using alpha-stable clutter models***Kapoor, R.; Banerjee, A.; Tsihrintzis, G.A.; Nandhakumar, N.;*Aerospace and Electronic Systems, IEEE Transactions on , Volume: 35 , Issue: 3 , July 1999  
Pages:819 - 834

[\[Abstract\]](#) [\[PDF Full-Text \(2848 KB\)\]](#) IEEE JNL

---

**5 A model for target detection with over-the-horizon radar**

*Fante, R.L.; Dhar, S.;*

Aerospace and Electronic Systems, IEEE Transactions on , Volume: 26 , Issue: 1 , Jan. 1990

Pages:68 - 83

[\[Abstract\]](#) [\[PDF Full-Text \(1048 KB\)\]](#) IEEE JNL

---

**6 Detection of sea-surface radar targets based on fractal model**

*Du, G.;*

Electronics Letters , Volume: 40 , Issue: 14 , 8 July 2004

Pages:906 - 907

[\[Abstract\]](#) [\[PDF Full-Text \(200 KB\)\]](#) IEE JNL

---

**7 Enhanced maneuvering targets detection via polynomial phase modeling in over-the-horizon radars**

*Kun Lu; Xingzhao Liu;*

Radar Conference, 2004. Proceedings of the IEEE , 26-29 April 2004

Pages:444 - 449

[\[Abstract\]](#) [\[PDF Full-Text \(579 KB\)\]](#) IEEE CNF

---

**8 False detection of chaotic behaviour in the stochastic compound k-distribution model of radar sea clutter**

*Unsworth, C.P.; Cowper, M.R.; McLaughlin, S.; Mulgrew, B.;*

Statistical Signal and Array Processing, 2000. Proceedings of the Tenth IEEE Workshop on , 14-16 Aug. 2000

Pages:296 - 300

[\[Abstract\]](#) [\[PDF Full-Text \(328 KB\)\]](#) IEEE CNF

---

**9 A Monte Carlo detection model for airborne pulse-Doppler radar**

*Greig, D.W.;*

Radar Conference, 2000. The Record of the IEEE 2000 International , 7-12 May 2000

Pages:219 - 222

[\[Abstract\]](#) [\[PDF Full-Text \(284 KB\)\]](#) IEEE CNF

---

**10 Non-Gaussian clutter modeling and application to radar target detection**

*Keckler, A.D.; Stadelman, D.L.; Weiner, D.D.;*

Radar Conference, 1997., IEEE National , 13-15 May 1997

Pages:240 - 245

[\[Abstract\]](#) [\[PDF Full-Text \(472 KB\)\]](#) IEEE CNF

---

**11 Detection of obscured targets in heavy-tailed radar clutter using an ultra-wideband (UWB) radar and alpha-stable clutter models**

*Kapoor, R.; Tsihrintzis, G.A.; Nandhakumar, N.;*

Signals, Systems and Computers, 1996. 1996 Conference Record of the Thirtieth Asilomar Conference on , 3-6 Nov. 1996

Pages:863 - 867 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) IEEE CNF

---

**12 Detection of object boundaries in synthetic aperture radar imagery using a human visual model**

*Bovik, A.;*

Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86. , Volume: 11 , Apr 1986

Pages:2055 - 2058

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) [IEEE CNF](#)

---

**13 Model-based principal component techniques for detection of buried landmines in multiframe synthetic aperture radar images**

*Jie Cheng; Miller, E.;*

Geoscience and Remote Sensing Symposium, 2002. IGARSS '02. 2002 IEEE International , Volume: 1 , 24-28 June 2002

Pages:334 - 336 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(286 KB\)\]](#) [IEEE CNF](#)

---

**14 A wavelet galerkin scattering approach for improved radar detection models**

*Bonneau, R.J.;*

Antennas and Propagation Society International Symposium, 2002. IEEE , Volume: 3 , 16-21 June 2002

Pages:636

[\[Abstract\]](#) [\[PDF Full-Text \(211 KB\)\]](#) [IEEE CNF](#)

---

**15 A study on models of radar detection rate and false alarm rate**

*Zhang Zaifeng;*

Microwave and Millimeter Wave Technology Proceedings, 1998. ICMMT '98. 1998 International Conference on , 18-20 Aug. 1998

Pages:520 - 523

[\[Abstract\]](#) [\[PDF Full-Text \(148 KB\)\]](#) [IEEE CNF](#)

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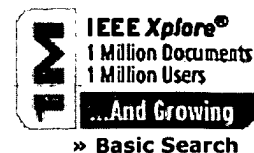
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Microwave Theory and Techniques, IEEE Transactions on , Volume: 52 , Issue: 8 , Aug. 2004

Pages:1890 - 1897

[\[Abstract\]](#)   [\[PDF Full-Text \(496 KB\)\]](#)   IEEE JNL**2 Transmission line matrix model for detection of local changes in permeability using a microwave technique***Ciocan, R.; Ida, N.;*

Magnetics, IEEE Transactions on , Volume: 40 , Issue: 2 , March 2004

Pages:651 - 654

[\[Abstract\]](#)   [\[PDF Full-Text \(240 KB\)\]](#)   IEEE JNL**3 Spatial resolution of microwave tomography for detection of myocardial ischemia and infarction-experimental study on two-dimensional models***Semenov, S.Y.; Svenson, R.H.; Bulyshev, A.E.; Souvorov, A.E.; Nazarov, A.G.;**Sizov, Y.E.; Posukh, V.G.; Pavlovsky, A.V.; Repin, P.N.; Tatsis, G.P.;*

Microwave Theory and Techniques, IEEE Transactions on , Volume: 48 , Issue: 4 , April 2000

Pages:538 - 544

[\[Abstract\]](#)   [\[PDF Full-Text \(664 KB\)\]](#)   IEEE JNL**4 Confocal microwave imaging for breast tumor detection: application to a hemispherical breast model***Fear, E.C.; Okoniewski, M.;*

Microwave Symposium Digest, 2002 IEEE MTT-S International , Volume: 3 , 2-7 June 2002

Pages:1759 - 1762

[\[Abstract\]](#)   [\[PDF Full-Text \(471 KB\)\]](#)   IEEE CNF



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**5 FDTD modeling of leukemia-detecting system by using microwave***Guoji Zhang; Xiangying Wu; Fei Ji; Yifang Wang; Shengli Lai;*

Microwave and Millimeter Wave Technology Proceedings, 1998. ICMMT '98. 1998 International Conference on , 18-20 Aug. 1998

Pages:813 - 816

[\[Abstract\]](#) [\[PDF Full-Text \(240 KB\)\]](#) [IEEE CNF](#)

---

**6 Study and modeling of a new MOSFET device for precision detection of microwave signal polarization***El-Hennawy, A.; Yousry, E.; Ramadan, A.; Abd El-Hameed, H.; Abd El-Fatah, M.;*

Radio Science Conference, 1998. NRSC '98. Proceedings of the Fifteenth National , 24-26 Feb. 1998

Pages:D7/1 - D7/8

[\[Abstract\]](#) [\[PDF Full-Text \(484 KB\)\]](#) [IEEE CNF](#)

---

**7 Modeling of power reflection in microwave detected photoconductance decay [in Si solar cells]***Ghannam, M.Y.; Mahmoud, S.F.; Nijs, J.F.;*

Photovoltaic Energy Conversion, 1994., Conference Record of the Twenty Fourth ; IEEE Photovoltaic Specialists Conference - 1994, 1994 IEEE First World Conference on , Volume: 2 , 5-9 Dec. 1994

Pages:1441 - 1445 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(348 KB\)\]](#) [IEEE CNF](#)

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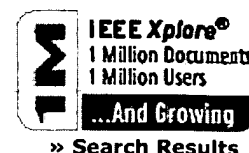
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#### 1 Joint detection for multicarrier CDMA mobile radio systems. I. System model

*Jung, P.; Berens, F.; Plechinger, J.;*

Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th International Symposium on , Volume: 3 , 22-25 Sept. 1996  
Pages:991 - 995 vol.3

[\[Abstract\]](#)   [\[PDF Full-Text \(600 KB\)\]](#)   IEEE CNF

#### 2 Probabilistic model-based detection of bent-double radio galaxies

*Kirshner, S.; Cadez, I.V.; Smyth, P.; Kamath, C.; Cantu-Paz, E.;*

Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 2 , 11-15 Aug. 2002  
Pages:499 - 502 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(331 KB\)\]](#)   IEEE CNF

#### 3 Improved modeling and design of microphones using radio frequency detection with capacitive micromachined ultrasonic transducers

*Hansen, S.T.; Ergun, A.S.; Khuri-Yakub, B.T.;*

Ultrasonics Symposium, 2001 IEEE , Volume: 2 , 7-10 Oct. 2001  
Pages:961 - 964 vol.2

[\[Abstract\]](#)   [\[PDF Full-Text \(443 KB\)\]](#)   IEEE CNF